NAME OF WORK :-	Asphaltingto main road and cross roads in Abbigere, Sapthagiri Layout and Surrounding areas in Ward no 12, Shettyhalli Sub Division in Dasarahalli Zone
JOB CODE :-	012-22-000011
WORK ORDER No :-	EE/DD/WO/1818/2022-23 Dt :- 20/03/2023
AS No :-	EE/DD/AS/88/2021-22, Dt:- 13/01/2022
TS No :-	SE/DZ/TS/37/2021-22, Dt: 17/02/2023
ESTIMATE COST :-	100.00 Lakhs
DATE OF MEASURENENTS :-	

Sl No	Description	Unit	No	Measurements				Depth	Qty
				Length	Width		Avg Width (W1+W2)/2		
					W1	W2			
1	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications.								
	7th main	Cum							117.00
	Ch 0.00 to 30.00m		1	30.00	4.00	3.80	3.90		112.50
	Ch 30.00 to 60.00m		1	30.00	3.80	3.70	3.75		117.00
	Ch 60.00 to 90.00m		1	30.00	3.70	4.10	3.90		12.15
	Ch 90.00 to 93.00m		1	3.00	4.10	4.00	4.05		
	8th Main								120.00
	Ch 0.00 to 30.00m		1	30.00	4.00	4.00	4.00		103.50
	Ch 30.00 to 60.00m		1	30.00	4.00	2.90	3.45		63.00
	Ch 60.00 to 81.00m		1	21.00	2.90	3.10	3.00		
	9th Cross								124.50
	Ch 0.00 to 30.00m		1	30.00	4.00	4.30	4.15		56.70
	Ch 30.00 to 43.50m		1	13.50	4.30	4.10	4.20		
	After SWD								121.50
	Ch 0.00 to 30.00m		1	30.00	4.10	4.00	4.05		132.00
	Ch 30.00 to 60.00m		1	30.00	4.00	4.80	4.40		141.00
	Ch 60.00 to 90.00m		1	30.00	4.80	4.60	4.70		
	11th Main								133.50
	Ch 0.00 to 30.00m		1	30.00	4.90	4.00	4.45		124.50
	Ch 30.00 to 60.00m		1	30.00	4.00	4.30	4.15		89.70
	Ch 60.00 to 83.00m		1	23.00	4.30	3.50	3.90		153.69
	Ch 83.00 to 115.70m		1	32.70	5.10	4.30	4.70		129.00
	Ch 115.70 to 145.70m		1	30.00	4.30	4.30	4.30		136.50
	Ch 145.70 to 175.70m		1	30.00	4.30	4.80	4.55		139.50
	Ch 175.70 to 205.70m		1	30.00	4.80	4.50	4.65		151.50
	Ch 205.70 to 235.70m		1	30.00	4.50	5.60	5.05		138.00
	Ch 235.70 to 265.70m		1	30.00	5.60	3.60	4.60		114.00
	Ch 265.70 to 295.70m		1	30.00	3.60	4.00	3.80		36.40
	Ch 295.70 to 304.80m		1	9.10	4.00	4.00	4.00		
	12th Main								127.50
	Ch 0.00 to 30.00m		1	30.00	4.80	3.70	4.25		129.00
	Ch 30.00 to 60.00m		1	30.00	3.70	4.90	4.30		133.50
	Ch 60.00 to 90.00m		1	30.00	4.90	4.00	4.45		12.00
	Ch 90.00 to 93.00m		1	3.00	4.00	4.00	4.00		
	13th Cross								117.00
	Ch 0.00 to 30.00m		1	30.00	4.50	3.30	3.90		

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
	Ch 30.00 to 60.00m		1	30.00	3.30	4.00	3.65		109.50
	Ch 60.00 to 90.00m		1	30.00	4.00	3.80	3.90		117.00
	Ch 90.00 to 100.00m		1	11.00	3.80	3.60	3.70		40.70
	1st cross								
	Ch 1.00 to 30.00m		1	30.00	3.00	3.20	3.10		93.00
	Ch 30.00 to 33.00m		1	3.00	3.20	3.20	3.20		9.60
	2nd cross								
	Ch 1.00 to 30.00m		1	30.00	4.30	3.70	4.30		129.00
	Ch 30.00 to 37.00m		1	7.00	3.70	3.70	3.70		25.90
	junction		1	4.10	1.00	1.00	1.00		4.10
	2nd cross								
	Ch 1.00 to 27.00m		1	27.00	3.20	3.10	4.15		112.00
	3rd cross LHS								
	Ch 1.00 to 28.00m		1	28.00	3.30	3.30	3.70		103.60
	RHS								
	Ch 0.00 to 35.00m		1	35.00	4.00	3.20	3.60		126.00
	4th cross								
	Ch 1.00 to 32.00m		1	32.00	3.80	2.30	3.15		100.80
	10th Main KG Halli								
	Ch 1.00 to 30.00m		1	30.00	3.50	3.30	3.35		100.50
	Ch 30.00 to 60.00m		1	30.00	3.50	3.50	3.50		105.00
	Ch 60.00 to 90.00m		1	30.00	3.50	3.20	3.35		100.50
	Ch 90.00 to 120.00m		1	30.00	3.20	3.90	3.55		106.50
	Ch 120.00 to 129.20m		1	9.20	3.90	3.50	3.70		34.04
								TOTAL WORK DONE QTY	4506.25
								QUANTITY LIMITED TO	4467.08

1 Earthwork excavation by manual means in Ordinary soil involving an average lead/throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.

For Desilting	CUm						
Lhs 6th Main	Sum				0.45	0.30	0.00
Ch 0.00 to 30.00m		2	30.00		0.45	0.30	8.10
Ch 30.00 to 60.00m		2	30.00		0.45	0.30	8.10
Ch 60.00 to 84.00m		2	24.00		0.45	0.30	6.48
7th main							
Ch 0.00 to 30.00m		2	30.00		0.45	0.30	8.10
Ch 30.00 to 60.00m		2	30.00		0.45	0.30	8.10
Ch 60.00 to 90.00m		2	30.00		0.45	0.30	8.10
Ch 90.00 to 93.00m		2	3.00		0.45	0.30	0.81
8th Main							
Ch 0.00 to 30.00m		2	30.00		0.45	0.30	8.10
Ch 30.00 to 60.00m		2	30.00		0.45	0.30	8.10
Ch 60.00 to 82.00m		2	21.00		0.45	0.30	5.67
11th Main							
Ch 0.00 to 30.00m		2	30.00		0.45	0.30	8.10

Description	Unit	No	Measurements				Depth	Qty
			Length	Width		Avg Width (W1+W2)/2		
				W1	W2			
Ch 60.00 to 90.00m		1	30.00	4.90	4.00	4.45	0.30	40.05
Ch 90.00 to 93.00m		1	3.00	4.00	4.00	4.00	0.30	3.60
13th Main								
Ch 0.00 to 30.00m		1	30.00	4.50	3.30	3.90	0.30	35.10
Ch 30.00 to 60.00m		1	30.00	3.30	4.00	3.65	0.30	32.85
Ch 60.00 to 90.00m		1	30.00	4.00	3.80	3.90	0.30	35.10
Ch 90.00 to 101.00m		1	11.00	3.80	3.60	3.70	0.30	12.21
							TOTAL WORK DONE QTY	770.67
							QUANTITY LIMITED TO	729.24

3 KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications

RHS 13th Main	Cum	1	30.00	4.30	3.70	4.00	0.25	30.00
13th A main								
Ch 0.00 to 30.00m		1	30.00	4.30	4.00	4.15	0.25	31.13
Ch 30.00 to 43.00m		1	13.00	4.00	4.00	4.00	0.25	13.00
14th Main								
Ch 0.00 to 30.00m		1	30.00	5.70	4.70	5.20	0.25	39.00
Ch 30.00 to 53.00m		1	23.00	4.70	5.30	5.00	0.25	28.75
Lhs 6th Main								
Ch 0.00 to 30.00m		1	30.00	4.50	4.30	4.40	0.25	33.00
Ch 30.00 to 60.00m		1	30.00	4.30	4.10	4.20	0.25	31.50
Ch 60.00 to 84.00m		1	24.00	4.10	4.20	4.15	0.25	24.90
							TOTAL WORK DONE QTY	231.28
							QUANTITY LIMITED TO	211.65

4 KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum.
KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.

Qty vide item no 1	Cum	1	4467.08			0.075		335.03
Qty vide item no 2		1	770.67					770.67
Qty vide item no 3		1	231.28					231.28
							TOTAL WORK DONE QTY	1336.98
							QUANTITY LIMITED TO	1298.26

	Description	Unit	No	Measurements				Depth	Qty
				Length	Width		Avg Width (W1+W2)/2		
					W1	W2			
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1 1 5 3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge								
	11th Main	Sqm	80	0.60	0.90				43.20
			30	0.60	0.90				16.20
	9th & 10th Main		24	0.60	0.90				12.96
	1st Cross		16	0.60	0.90				8.64
			35	0.60	0.90				18.90
	2nd Cross		16	0.60	0.90				8.64
								TOTAL WORK DONE QTY	108.54
								QUANTITY LIMITED TO	108.00
6	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1 1 5 3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge								
	11th Main								
	1st Cross RHS	Sqm	4	0.60	1.00				2.40
			9	0.60	1.00				5.40
			8	0.60	1.00				4.80
			4	0.60	1.00				2.40
								TOTAL WORK DONE QTY	15.00
								QUANTITY LIMITED TO	14.40
7	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.								
	Lhs 6th Main								
	Ch 0.00 to 30.00m		1	30.00	4.50	4.30	4.40		132.00
	Ch 30.00 to 60.00m		1	30.00	4.30	4.10	4.20		126.00
	Ch 60.00 to 84.00m		1	24.00	4.10	4.20	4.15		99.60
	7th main								
	Ch 0.00 to 30.00m		1	30.00	4.00	3.80	3.90		117.00
	Ch 30.00 to 60.00m		1	30.00	3.80	3.70	3.75		112.50
	Ch 60.00 to 90.00m		1	30.00	3.70	4.10	3.90		117.00
	Ch 90.00 to 93.00m		1	3.00	4.10	4.00	4.05		12.15
	8th Main								
	Ch 0.00 to 30.00m		1	30.00	4.00	4.00	4.00		120.00
	Ch 30.00 to 60.00m		1	30.00	4.00	2.90	3.45		103.50
	Ch 60.00 to 81.00m		1	21.00	2.90	3.10	3.00		63.00
	9th Cross								

Description	Unit	No	Measurements					Qty
			Length	Width		Avg Width (W1+W2)/2	Depth	
				W1	W2			
Ch 0.00 to 30.00m		1	30.00	3.60	3.50	3.55		106.50
Ch 30.00 to 60.00m		1	30.00	3.50	3.50	3.50		105.00
Ch 60.00 to 90.00m		1	30.00	3.50	3.20	3.35		100.50
Ch 90.00 to 120.00m		1	30.00	3.20	3.90	3.55		106.50
Ch 120.00 to 128.20m		1	8.20	3.90	3.50	3.70		30.34
Near RO Plant (gate to RO) CC Road								
Ch 0.00 to 30.00m		1	30.00	4.40	4.20	4.30		129.00
Ch 30.00 to 60.00m		1	30.00	4.20	4.50	4.35		130.50
Ch 60.00 to 90.00m		1	30.00	4.50	5.50	5.00		150.00
Ch 90.00 to 92.00m		1	2.00	5.50	6.00	5.75		11.50
Deduction		-1	1.50			1.50		-2.25
IN side		1	8.70			11.30		98.31
		-1	3.30			2.50		-8.25
		1	26.80	0.30	5.90	3.10		83.08
Backside		1	1.20			9.00		10.80
		1	25.30			0.80		20.24
Gate- 2								
Ch 0.00 to 30.00m		1	30.00	4.00	4.00	4.00		120.00
Ch 30.00 to 33.50m		1	3.50	4.00	4.00	4.00		14.00
						TOTAL WORK DONE QTY		6102.76
						QUANTITY LIMITED TO		5968.08

13/2 to 14/2/23

Ksrrrb

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8 KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.

Lhs 6th Main	Sqm							
Ch 0.00 to 30.00m		1	30.00	4.50	4.30	4.40	0.20	26.40
Ch 30.00 to 60.00m		1	30.00	4.30	4.10	4.20	0.20	25.20
Ch 60.00 to 84.00m		1	24.00	4.10	4.20	4.15	0.20	19.92
1st cross								
Ch 0.00 to 30.00m		1	30.00	3.00	3.20	3.10	0.20	18.60
2nd cross								
Ch 0.00 to 30.00m		1	30.00	4.90	3.70	4.30	0.20	25.80
junction		1	4.10	1.00	1.00	1.00	0.20	0.82
2nd cross								
Ch 0.00 to 27.00m		1	27.00	5.20	3.10	4.15	0.20	22.41
3rd cross LHS								
Ch 0.00 to 28.00m		1	28.00	3.90	3.50	3.70	0.20	20.72
RHS								
Ch 0.00 to 35.00m		1	35.00	4.00	3.20	3.60	0.20	25.20
4th cross								
Ch 0.00 to 32.00m		1	32.00	3.80	2.50	3.15	0.20	20.16
RHS 13th Main								

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Description	Unit	No	Measurements				Depth	Qty
			Length	Width		Avg Width (W1+W2)/2		
				W1	W2			
Ch 0.00 to 30.00m		1	30.00	4.30	3.70	4.00	0.20	24.00
13th A main								
Ch 0.00 to 30.00m		1	30.00	4.30	4.00	4.15	0.20	24.90
Ch 30.00 to 43.00m		1	13.00	4.00	4.00	4.00	0.20	10.40
14th Main								
Ch 0.00 to 30.00m		1	30.00	5.70	4.70	5.20	0.20	31.20
Ch 30.00 to 43.00m		1	13.00	4.70	5.30	5.00	0.20	13.00
Near RO Plant (gate to RO) CC Road								
Ch 0.00 to 30.00m		1	30.00	4.40	4.20	4.30	0.15	19.35
Ch 30.00 to 60.00m		1	30.00	4.20	4.50	4.35	0.15	19.58
Ch 60.00 to 90.00m		1	30.00	4.50	5.50	5.00	0.15	22.50
Ch 90.00 to 92.00m		1	2.00	5.50	6.00	5.75	0.15	1.73
Deduction		-1	1.50			1.50	0.15	-0.34
IN side		1	8.70			11.30	0.10	9.83
		-1	3.30			2.50	0.10	-0.83
		1	26.80	0.30	5.90	3.10	0.10	8.31
Backside		1	1.20			9.00	0.10	1.08
		1	25.30			0.80	0.10	2.02
						TOTAL WORK DONE QTY		391.96
						QUANTITY LIMITED TO		383.52

9 KSRB 4-1.2 : Providing and laying in position plain cement concrete of M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.565cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.

Near RO Plant (gate to RO) CC Road								
Ch 0.00 to 30.00m		1	30.00	4.40	4.20	4.30	0.15	19.35
Ch 30.00 to 60.00m	Cum	1	30.00	4.20	4.50	4.35	0.15	19.58
Ch 60.00 to 90.00m		1	30.00	4.50	5.50	5.00	0.15	22.50
Ch 90.00 to 92.00m		1	2.00	5.50	6.00	5.75	0.15	1.73
Deduction		-1	1.50			1.50	0.15	-0.34
IN side		1	8.70			11.30	0.15	14.75
		-1	3.30			2.50	0.15	-1.24
		1	26.80	0.30	5.90	3.10	0.15	12.46
Backside		1	1.25			9.00	0.15	1.69
		1	25.30			1.00	0.15	3.80
						TOTAL WORK DONE QTY		94.27
						QUANTITY LIMITED TO		94.12

Description	Unit	No	Measurements					
			Length	Width		Avg Width (W1+W2)/2	Depth	Qty
				W1	W2			
Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)								
10								
Near RO Plant (gate to RO) CC Road								
Ch 0.00 to 30.00m		1	30.00	4.40	4.20	4.30	0.15	19.35
Ch 30.00 to 60.00m		1	30.00	4.20	4.50	4.35	0.15	19.58
Ch 60.00 to 90.00m		1	30.00	4.50	5.50	5.00	0.15	22.50
Ch 90.00 to 92.00m		1	2.00	5.50	6.00	5.75	0.15	1.73
Deduction		-1	1.50			1.50	0.15	-0.34
IN side		1	8.70	0.00	0.00	11.30	0.15	14.75
		-1	3.30			2.50	0.15	-1.24
		1	26.80	0.30	5.90	3.10	0.15	12.46
Backside		1	1.25			9.00	0.15	1.69
		1	25.30			1.00	0.15	3.80
							TOTAL WORK DONE QTY	94.27
							QUANTITY LIMITED TO	94.12
KSRRB M500- 4 Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 0.90kg/sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour, HOM of machineries complete as per specifications.								
11								
Lhs 6th Main	Sqm							
Ch 0.00 to 30.00m		1	30.00	4.50	4.30	4.40		132.00
Ch 30.00 to 60.00m		1	30.00	4.30	4.10	4.20		126.00
Ch 60.00 to 84.00m		1	24.00	4.10	4.20	4.15		99.60
7th main								
Ch 0.00 to 30.00m		1	30.00	4.00	3.80	3.90		117.00
Ch 30.00 to 60.00m		1	30.00	3.80	3.70	3.75		112.50
Ch 60.00 to 90.00m		1	30.00	3.70	4.10	3.90		117.00
Ch 90.00 to 93.00m		1	3.00	4.10	4.00	4.05		12.15
8th Main								
Ch 0.00 to 30.00m		1	30.00	4.00	4.00	4.00		120.00
Ch 30.00 to 60.00m		1	30.00	4.00	2.90	3.45		103.50
Ch 60.00 to 81.00m		1	21.00	2.90	3.10	3.00		63.00
9th Cross								
Ch 0.00 to 30.00m		1	30.00	4.00	4.30	4.15		124.50

Description	Unit	No	Measurements					
			Length	Width		Avg Width (W1+W2)/2	Depth	Qty
				W1	W2			
Ch 0.00 to 35.00m		1	35.00	4.00	3.20	3.60		126.00
th cross								
Ch 0.00 to 32.00m		1	32.00	3.80	2.50	3.15		100.80
RHS 13th Main		0	0.00	0.00	0.00	0.00		0.00
Ch 0.00 to 30.00m		1	30.00	4.30	3.70	4.00		120.00
13th A main								
Ch 0.00 to 30.00m		1	30.00	4.30	4.00	4.15		124.50
Ch 30.00 to 43.00m		1	13.00	4.00	4.00	4.00		52.00
14th Main								
Ch 0.00 to 30.00m		1	30.00	5.70	4.70	5.20		156.00
Ch 30.00 to 43.00m		1	13.00	4.70	5.30	5.00		65.00
10th Main KG Halli								
Ch 0.00 to 30.00m		1	30.00	3.60	3.50	3.55		106.50
Ch 30.00 to 60.00m		1	30.00	3.50	3.50	3.50		105.00
Ch 60.00 to 90.00m		1	30.00	3.50	3.20	3.35		100.50
Ch 90.00 to 120.00m		1	30.00	3.20	3.90	3.55		106.50
Ch 120.00 to 128.20m		1	8.20	3.90	3.50	3.70		30.34
								5342.01
							TOTAL WORK DONE QTY	5340.58

Accepted 28/3 to 2/4/3

Accepted

14 KSRRB M500-19. Providing and laying bituminous concrete, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification clause No. 500.7 of MORTH Vrevision using 120 TPH capacity Asphalt batch mix plant with sensor paver Gr -II

Lhs 6th Main	Sqm							
Ch 0.00 to 30.00m		1	30.00	4.50	4.30	4.40	0.03	3.96
Ch 30.00 to 60.00m		1	30.00	4.30	4.10	4.20	0.03	3.78
Ch 60.00 to 84.00m		1	24.00	4.10	4.20	4.15	0.03	2.99
7th main								
Ch 0.00 to 30.00m		1	30.00	4.00	3.80	3.90	0.03	3.51
Ch 30.00 to 60.00m		1	30.00	3.80	3.70	3.75	0.03	3.38
Ch 60.00 to 90.00m		1	30.00	3.70	4.10	3.90	0.03	3.51
Ch 90.00 to 93.00m		1	3.00	4.10	4.00	4.05	0.03	0.36
8th Main								
Ch 0.00 to 30.00m		1	30.00	4.00	4.00	4.00	0.03	3.60
Ch 30.00 to 60.00m		1	30.00	4.00	2.90	3.45	0.03	3.11
Ch 60.00 to 81.00m		1	21.00	2.90	3.10	3.00	0.03	1.89
9th Cross								
Ch 0.00 to 30.00m		1	30.00	4.00	4.30	4.15	0.03	3.74
Ch 30.00 to 43.50m		1	13.50	4.30	4.20	4.25	0.03	1.72
After SWD								
Ch 0.00 to 30.00m		1	30.00	4.10	4.10	4.10	0.03	3.69
Ch 30.00 to 60.00m		1	30.00	4.00	4.90	4.45	0.03	4.01
Ch 60.00 to 90.00m		1	30.00	4.80	4.70	4.75	0.03	4.28
11th Main								

Cafe

E.E. (D.P.)

masonry in foundation with
ges at two m.

Description	Unit	No	Measurements					Qty
			Length	Width		Avg Width (W1+W2)/2	Depth	
				W1	W2			
Ch 0.00 to 30.00m		1	30.00	4.90	4.00	4.45	0.03	4.01
Ch 30.00 to 60.00m		1	30.00	4.00	4.30	4.15	0.03	3.74
Ch 60.00 to 83.00m		1	23.00	4.30	3.50	3.90	0.03	2.69
Ch 83.00 to 115.70m		1	32.70	5.10	4.30	4.70	0.03	4.61
Ch 115.70 to 145.70m		1	30.00	4.30	4.30	4.30	0.03	3.87
Ch 145.70 to 175.70m		1	30.00	4.30	4.80	4.55	0.03	4.10
Ch 175.70 to 205.70m		1	30.00	4.80	4.50	4.65	0.03	4.19
Ch 205.70 to 235.70m		1	30.00	4.50	5.00	4.75	0.03	4.28
Ch 235.70 to 265.70m		1	30.00	5.60	3.60	4.60	0.03	4.14
Ch 265.70 to 295.70m		1	30.00	3.60	4.00	3.80	0.03	3.42
Ch 295.70 to 304.80m		1	9.10	4.00	4.00	4.00	0.03	1.09
12th Main								
Ch 0.00 to 30.00m		1	30.00	4.80	3.70	4.25	0.03	3.83
Ch 30.00 to 60.00m		1	30.00	3.70	4.90	4.30	0.03	3.87
Ch 60.00 to 90.00m		1	30.00	4.90	4.00	4.45	0.03	4.01
Ch 90.00 to 93.00m		1	3.00	4.00	4.00	4.00	0.03	0.36
13th Cross								
Ch 0.00 to 30.00m		1	30.00	4.50	3.30	3.90	0.03	3.51
Ch 30.00 to 60.00m		1	30.00	3.30	4.00	3.65	0.03	3.29
Ch 60.00 to 90.00m		1	30.00	4.00	3.80	3.90	0.03	3.51
Ch 90.00 to 101.00m		1	11.00	3.80	3.60	3.70	0.03	1.22
1st cross								
Ch 0.00 to 30.00m		1	30.00	3.00	3.20	3.10	0.03	2.79
2nd cross								
Ch 0.00 to 30.00m		1	30.00	4.90	3.70	4.30	0.03	3.87
junction		1	4.10	1.00	1.00	1.00	0.03	0.12
2nd cross								
Ch 0.00 to 27.00m		1	27.00	5.20	3.10	4.15	0.03	3.36
3rd cross LHS								
Ch 0.00 to 28.00m		1	28.00	3.90	3.50	3.70	0.03	3.11
RHS								
Ch 0.00 to 35.00m		1	35.00	4.00	3.20	3.60	0.03	3.78
4th cross								
Ch 0.00 to 32.00m		1	32.00	3.80	2.50	3.15	0.03	3.02
RHS 13th Main								
Ch 0.00 to 30.00m		1	30.00	4.30	3.70	4.00	0.03	3.60
13th A main								
Ch 0.00 to 30.00m		1	30.00	4.30	4.00	4.15	0.03	3.74
Ch 30.00 to 43.00m		1	13.00	4.00	4.00	4.00	0.03	1.56
14th Main								
Ch 0.00 to 30.00m		1	30.00	5.70	4.70	5.20	0.03	4.68
Ch 30.00 to 43.00m		1	13.00	4.70	5.30	5.00	0.03	1.95
10th Main KG Halli								
Ch 0.00 to 30.00m		1	30.00	3.60	3.50	3.55	0.03	3.20
Ch 30.00 to 60.00m		1	30.00	3.50	3.50	3.50	0.03	3.15
Ch 60.00 to 90.00m		1	30.00	3.50	3.20	3.35	0.03	3.02
Ch 90.00 to 120.00m		1	30.00	3.20	3.90	3.55	0.03	3.20
Ch 120.00 to 128.20m		1	8.20	3.90	3.50	3.70	0.03	0.91
								160.26
						TOTAL WORK DONE QTY		160.22

	Description	Unit	No	Measurements				Depth	Qty
				Length	Width		Avg Width (W1+W2)/2		
					W1	W2			
	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.								
	Step-1	Cum	1	107.50			0.75	0.30	24.19
	Step-2		1	107.50			0.60	0.45	29.03
								TOTAL WORK DONE QTY	53.21
								QTY LIMITED TO	48.51
19	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.								
	Basment	Cum	1	107.50			0.45	0.45	21.77
								TOTAL WORK DONE QTY	21.77
								QTY LIMITED TO	19.85
20	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications								
	Basment	Cum	1	107.50			0.45	0.13	6.05
								TOTAL WORK DONE QTY	6.05
								QTY LIMITED TO	5.51
21	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications								
	Basment	Cum	2	107.50				0.45	96.75
								TOTAL WORK DONE QTY	96.75
								QTY LIMITED TO	88.20

Sl No	Description	Unit	No	Measurements				Depth	Qty
				Length	Width W1	Width W2	Avg Width (W1+W2)/2		
22	KSRB 5-14.1 : Providing and constructing load bearing wall with 400x150x200mm solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.								
	Basment	Cum	1	103.90				1.60	166.24
								TOTAL WORK DONE QTY	166.24
								QTY LIMITED TO	154.43
23	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
	Wall	Cum	2	103.90				1.60	332.48
								TOTAL WORK DONE QTY	332.48
								QTY LIMITED TO	308.85
24	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.								
		Cum	2	103.90				1.60	332.48
								TOTAL WORK DONE QTY	332.48
								QTY LIMITED TO	308.85

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E.E. (D.D.)

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Asst. Engineer
Ward No 12

Asst. Executive Engineer
Shettyhalli Sub-Division